

# LV-120 PLATE CARRIER KIT - SPIRITUS SYSTEMS LV-120 PLATE CARRIER KIT - MEDIUM MULTICAM

SPIRITUS SYSTEMS LV-120 PLATE CARRIER KIT THE LV-120 IS SOLD AS A COMPLETE KIT INCLUDING: PLATE BAGS, SHOULDER STRAPS, CUMMERBUND (with Tubes), AND SHOULDER COVERS. DOES NOT INCLUDE TUBES SHOULDER STRAP OR PLATES The carrier was designed to fit United States Standard Issue SAPI cut plates, but it will fit other cuts as well as long as they fit within the specifications listed below. The bags were built to accommodate "thicker" plates, but they will not fit plates that do not fall within the measurements listed. The LV-120 Plate Carrier, is a fine-tuned solution of load carriage design that answers the nearly impossible demand of weight, durability, integration, adaptability and refinement. A completely new offering from its predecessor, the LV-119, the LV-120 was developed in collaboration with the professional end-user, in an effort to address the unique and diverse requirements for next-gen warfare. At its core, the LV-120 Plate Carrier addresses the warfighter's need to tailor the system to a constantly shifting mission profile. The design considers current cable routing requirements, various plate sizes and types, weight (2.03lbs for size Medium), increased load carriage, durability and additional extensive end-user feedback. The base configuration is a mission-ready, highly rigid plate carrier, constructed with X-Pac X50 Nylon and Nylon Laminate. The new materials, ensure a highly abrasion-resistant, tear-resistant, waterproof material; ensuring the carrier is near-hydrophobic and won't retain water. Additionally, the 3D-mesh which dries near instantaneously, lines the front and back panels, creating a space for ventilation of heat and perspiration - making the LV-120 a notable solution to virtually any environment. Equipped with removable articulating shoulder straps, with ride-height adjustment which allows the carrier to naturally settle on the body. For those who require a quick-release function, the straps can be interchanged with the LV-120 Tubes Shoulder Strap (sold separately) for easy donning and doffing. The front panel features a loop molle field, designed to accommodate Placards, EUD's or other mission-specific attachments. Placards can now be attached using G-Hooks, 1-inch side release buckles, or the innovative, Quick Attach Tab System. Laser cut ports for PTT securement are located on either side of the molle field, which also serve as a channel for comm-cable management. Strategically designed ingress points for future attachments can also serve as a comms passthrough into the plate bag, allowing for easy storing of excess cabling and connectors. The rear panel is equipped with a full molle field, to accommodate a highly customizable configuration, including a 9"x 4" loop field, for identifier patches. Rigid wings located on either side of the rear plate bag function as a mounting platform for future attachments, as well as allow the Reactive Cumberbund to have an articulated radius around the edge of the plate for guaranteed retraction with movement. The newly implemented rigidity of the Reactive Cumberbund provides a weight transfer from the shoulders and spine by ensuring the plate bags are kept compressed against the body, without compromising the same level of comfort as an elastic cummerbund. The mounting location of the cummerbund ensures that armor plates are positioned correctly on the body, while maintaining a level cummerbund. The added rigidity also allows for heavier items to be mounted on either side of the polypropylene composite (CURV) chassis. A one-size-fits most sizeable structure, combined with a tension-adjusting shock cord system in the rear accommodates natural flexion and expansion of the body and allows for a streamlined acquisition process since there is only one size. The Reactive Cumberbund is compatible with



their SIDE ARMOR BAGS and SIDE ARMOR BAG CAPS for use with hard and soft side armor. In an effort to consolidate logistical burden and create compatibility across brands for end users, the implementation of the #10 Zipper has been included into the LV-120. A strategic decision made in conjunction with Ferro Concepts, to create a "Universal Carrier Attachment Standard." This new zipper will limit the compatibility of legacy Spiritus back panel attachments but allow for future developments and cross-compatibility.

## **Attributes**

- Name: SPIRITUS SYSTEMS LV-120 PLATE CARRIER KIT - MEDIUM MULTICAM
- Manufacturer: SPIRITUS SYSTEMS
- Product no.: 430116558
- Mfr. No.: BU-LV120-MC-MD
- Colour: Multi-Cam
- Delivery weight: 0.981kg
- Shipping height: 381mm
- Shipping width: 279mm
- Shipping length: 76mm

## **Item details**

Made in USA

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# Safety Instruction Guide for the LV120 Plate Carrier Kit

## Introduction

Thank you for choosing the SPIRITUS SYSTEMS LV120 Plate Carrier Kit. This guide provides important safety instructions and guidelines to ensure the safe use and maintenance of your plate carrier. Please read this document carefully before using the product.

## General Safety Guidelines

- Ensure that the plate carrier is used only for its intended purpose as described in this manual.
- Always inspect the plate carrier for any signs of damage before each use.
- Do not modify or alter the plate carrier in any way.
- Keep the plate carrier out of reach of children and vulnerable individuals.
- Ensure that all components, such as shoulder straps and cummerbunds, are securely fastened before use.
- Be aware of your surroundings and avoid using the plate carrier in unsafe environments.

## Specific Safety Precautions for Use

- **Weight Limitations:** The LV120 Plate Carrier is designed to carry standard SAPI cut plates. Ensure that the plates used fit the specified dimensions and weight limits.
- **Proper Fit:** Adjust the shoulder straps and cummerbund for a secure and comfortable fit. A loose fit may compromise safety and performance.
- **Ventilation:** Ensure that the 3Dmesh lining is properly positioned to allow for ventilation, reducing heat and perspiration buildup.
- **Cable Management:** Use the designated ports for commcable management to prevent tangling and ensure safe operation.
- **Attachment Compatibility:** Only use attachments that are compatible with the LV120 Plate Carrier to avoid compromising safety and functionality.

## Instructions for Installation and Usage

1. **Unpacking:** Carefully remove the LV120 Plate Carrier Kit from its packaging. Inspect all components for damage.
2. **Plate Insertion:**
  - Open the plate bags and insert the appropriate plates, ensuring they fit securely within the specified dimensions.
  - Close the plate bags securely to prevent plates from shifting during use.
3. **Adjusting the Straps:**
  - Adjust the shoulder straps to the desired height. The straps should rest comfortably on your shoulders.
  - Secure the cummerbund around your waist, ensuring it is snug but not overly tight.
4. **Attaching Accessories:**
  - Attach any desired placards or accessories using the loop molle field and GHooks or buckles as specified.
  - Ensure all attachments are securely fastened before use.
5. **Final Check:**
  - Perform a final check to ensure that all straps are adjusted, and all components are secure.
  - Ensure that the plate carrier is comfortable and does not impede movement.

## **Disposal Instructions**

- Dispose of the LV120 Plate Carrier Kit in accordance with local regulations.
- Remove any electronic components or batteries before disposal to prevent environmental contamination.
- Consider recycling materials where possible.

## **Contact Information for Further Support**

For any safety inquiries, product support, or to report unsafe conditions, please contact the relevant authorities or your local SPIRITUS SYSTEMS representative. Ensure you have your product information ready for reference.

## **Conclusion**

By following these safety instructions and guidelines, you can ensure the safe and effective use of the SPIRITUS SYSTEMS LV120 Plate Carrier Kit. Always prioritize safety and adhere to the guidelines provided in this document. Thank you for your attention to safety.